

STATUS OF THE CLAIMS:

Claims 1-40 (Cancelled)

Please add new claims 41-61 as follows:

41. (New) A New Guinea impatiens plant comprising a flower having at least one petal that exhibits a striped pattern, wherein said plant is produced by a method comprising the steps of irradiating a New Guinea impatiens plant with electromagnetic radiation or ion beams and selecting a shoot from said plant containing a flower having at least one petal which exhibits a striped pattern.

42. (New) The New Guinea impatiens plant of claim 41 wherein the plant has a pedigree that includes the plant 1865 or 2581.

43. (New) Pollen of the plant of claim 41.

44. (New) An ovule of the plant of claim 41.

45. (New) A tissue culture comprising regenerable cells of the plant of claim 41.

46. (New) A cutting of the plant of claim 41.

47. (New) A New Guinea impatiens plant comprising a flower having at least one petal that exhibits a striped pattern, wherein said plant is a descendent from a plant produced by a method comprising the steps of irradiating a New Guinea impatiens plant with electromagnetic radiation or ion beams and selecting a shoot from said plant containing a flower having at least one petal which exhibits a striped pattern.

48. (New) Pollen of the plant of claim 47.

49. (New) An ovule of the plant of claim 47.

50. (New) A tissue culture comprising regenerable cells of the plant of claim 47.

51. (New) A cutting of the plant of claim 47.

52. (New) A New Guinea impatiens plant comprising a flower having at least one petal that exhibits a striped pattern, wherein said plant is produced by a method comprising the steps of treating a New Guinea impatiens plant with a chemical mutagen and selecting a shoot from said plant containing a flower having at least one petal that exhibits a striped pattern.

53. (New) Pollen of the plant of claim 52.

54. (New) An ovule of the plant of claim 52.

55. (New) A tissue culture comprising regenerable cells of the plant of claim 52.

56. (New) A cutting of the plant of claim 52.

57. (New) A New Guinea impatiens plant comprising a flower having at least one petal that exhibits a striped pattern, wherein said plant is a descendent from a plant produced by a method comprising the steps of treating a New Guinea impatens plant with a chemical mutagen and selecting a shoot from said plant containing a flower having at least one petal that exhibits a striped pattern.

58. (New) Pollen of the plant of claim 57.

59. (New) An ovule of the plant of claim 58.

60. (New) A tissue culture comprising regenerable cells of the plant of claim  
59.

61. (New) A cutting of the plant of claim 60.